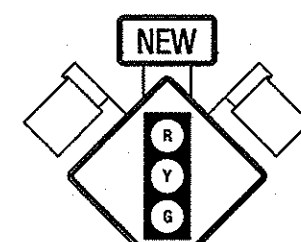


W 3-3(2)
120" x 60"



Temporary Sign
W 3-3
48" x 48"



R 3-5(L)
30" x 36"



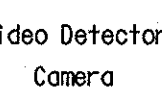
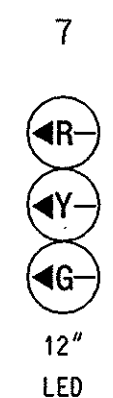
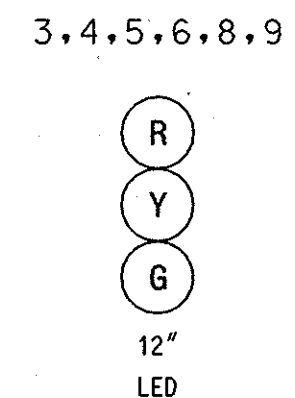
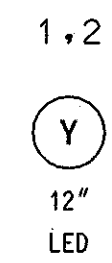
M-95-1
72" x 24"
Black Letters on
White Background



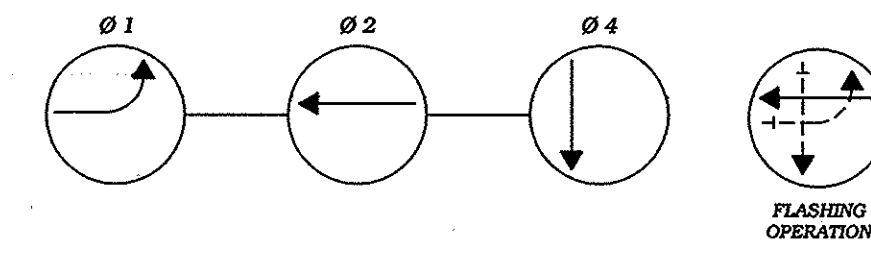
R 4-7
18" x 24"

West Access Road Principio Business Park

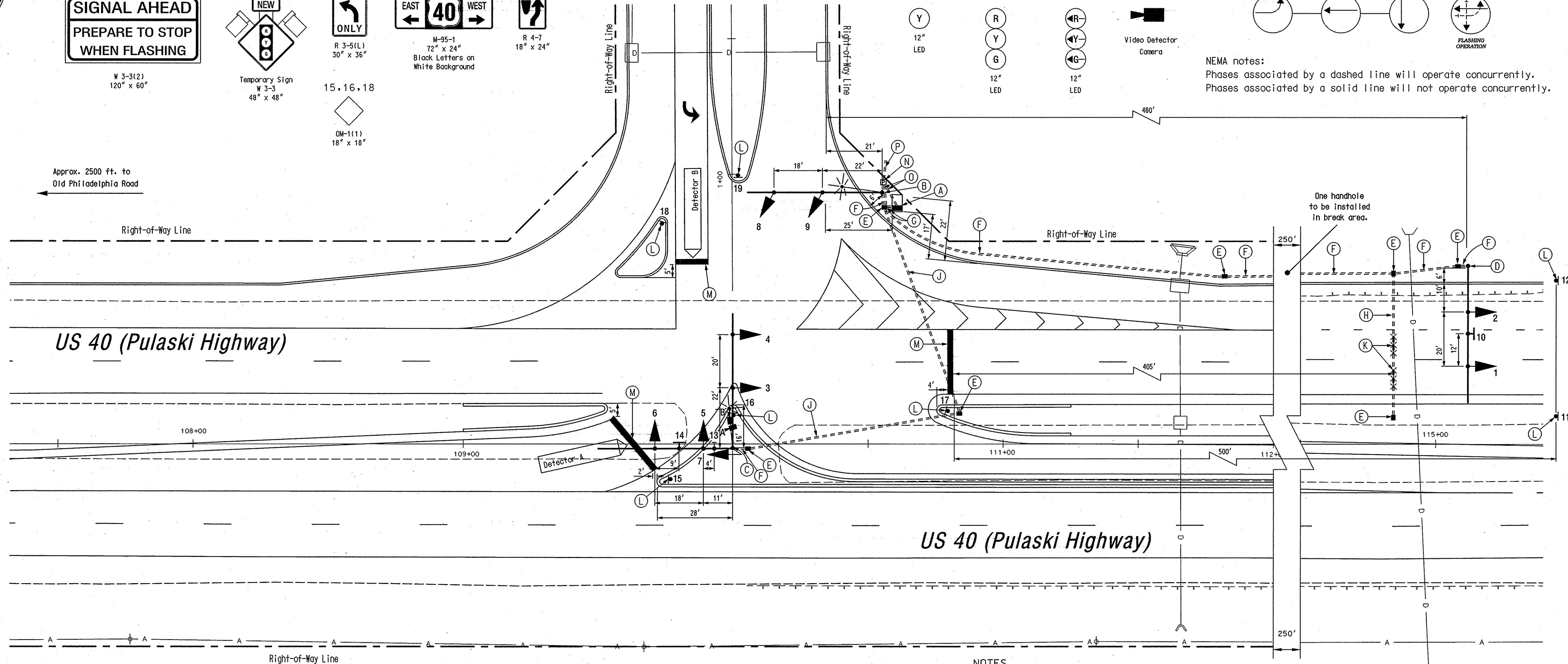
PROPOSED SIGNALS



PROPOSED NEMA PHASING



NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.



CONSTRUCTION DETAILS

- Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical MD-SHA Type B-2 service.
- Install 27 ft. steel mast arm pole with 50 ft. mast arm, vehicle signal heads, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
- Install 27 ft. steel twin mast arm pole with 50 ft. mast arms, vehicle signal heads, signs, camera, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
- Install 27 ft. steel mast arm pole with 50 ft. mast arm (cut from a 60 ft. mast arm), vehicle signal heads, and sign (Note: one 3 in. PVC conduit bend).
- Install handhole.
- Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- Install non-invasive probe (set of 3).
- Install ground mounted sign as shown.
- Install 24 in. wide pavement marking - white for stop line.
- Install metered service pedestal for underground electrical service per MD-SHA Typical 807.05-01.
- Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- Proposed underground electrical service by Conectiv (to be determined during construction).

NOTES

- Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- Loop detectors and conduits shall be installed prior to the installation of pavement markings.
- Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
- All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
STORM DRAIN
AERIAL CABLES
TELEPHONE CABLES



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REVISIONS

APPROVALS

TERI LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

US 40 at West Access Road (Principio Business Park)
Perryville, Maryland

DRAWN BY: F. Brownley
CHECKED BY: [Signature]
SCALE: 1" = 20'
DATE: May 4, 2006

F.A.P. NO. N/A
S.H.A. NO. BW996M82
COUNTY: Cecil
LOG MILE: 07004003.42

TS NO. 4326
T.I.M.S. NO. G-411

SHEET NO. 1 OF 2